

A SECURE, ENCRYPTING PIN PAD

ABSTRACT

Apparatus and methods for secure data entry. The apparatus includes a device for entering data, a display for displaying information confirming the security of the data-entry apparatus and an encryption circuit, communicatively coupled to the data-entry device and the display. The device for entering data may be a touch pad. The first and second displays are physically separate and are under the control of respective controllers, in turn communicatively coupled to and under the control of the encryption circuit. The displayed information may be an icon. The data-entry apparatus refrains from displaying information asserting the device's ability to securely receive data. The data-entry device then prepares to receive encrypted data received. It then displays information asserting the data-entry device's ability to securely receive the data.